

JP1231272A2:GELATINIZER FOR GEL-STATE ANODE FOR ALKALINE BATTERY

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Country: JP Japan

Kind:

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Application Number: JP1988000054585

IPC Class: H01M 4/62;

Abstract:

Purpose: To make it possible to eliminate spinnability, and to obtain high thickening in an alkaline electrolyte and the stable dispersibility of a powder- state anode active material by using the gelatinizer composed of a water absorptive resin having a sulfone group.

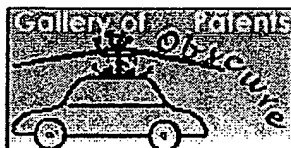
Constitution: A water absorptive resin having a sulfone group is used as a gelatinizer. This, as it has a high dissociative high polymer electrolyte, causes the thickening in an alkaline electrolyte to become higher, the lowering of the thickening to be reduced even if a polyvalent metal ion exists, and the elapse stability of a gel to be improved. And the elapsed setting of a powder- state anode active material having a large specific gravity is small, a stable battery characteristic is given for a long time, and a battery having a long life is obtained. Moreover a filling workability into a battery is improved since spinnability is unshown with a bridge structure existed.

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Other Abstract Info: DERABS C89-313087 DERC89-313087

Foreign References: No patents reference this one



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